

Title (en)

NOBLE METAL CONTAINING LOW ACIDIC HYDROCRACKING CATALYSTS

Title (de)

SCHWACH SAUERER UND EIN EDELMETALL ENTHALTENDER KATALYSATOR ZUM HYDROCRACKEN

Title (fr)

CATALYSEURS D'HYDROCRACKAGE FAIBLEMENT ACIDES CONTENANT UN METAL NOBLE

Publication

EP 1152828 A4 20030514 (EN)

Application

EP 99965270 A 19991215

Priority

- US 9929752 W 19991215
- US 22297898 A 19981230

Abstract (en)

[origin: WO0040333A1] A hydrocracking catalyst is provided that includes a crystalline molecular sieve material component having a faujasite structure and an alpha acidity of less than 1, preferably 0.3 or less, and a dispersed Group VIII noble metal component. The extremely low acidity allows selective hydrocracking of the aromatic and naphthenic species in a feedstock, while limiting the cracking of paraffins. The catalyst produces improved yields of products, such as diesel fuel, at high conversion rates and with high cetane values.

IPC 1-7

B01J 29/12

IPC 8 full level

B01J 29/12 (2006.01); **B01J 37/30** (2006.01); **C10G 47/18** (2006.01); **B01J 37/02** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [X] US 4962269 A 19901009 - LAPIERRE RENE B [US], et al
- See references of WO 0040333A1

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